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## Faculty News

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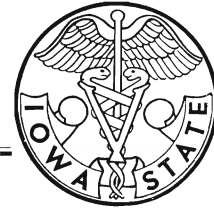
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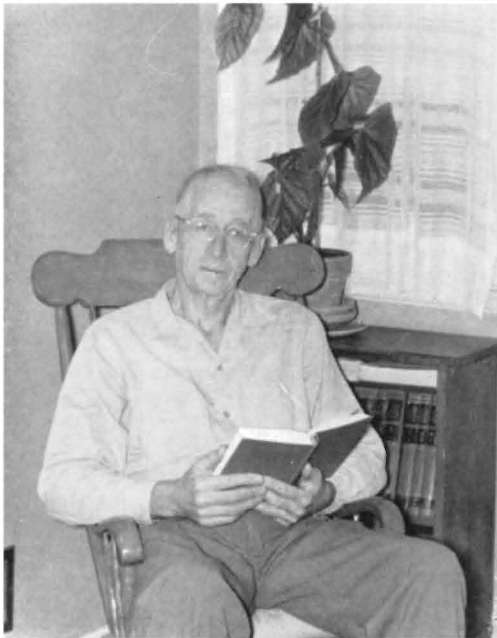
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# FACULTY NEWS

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## ... Only One Dr. Chivers



**Doctor Chivers, large animal clinician, relaxing at home.**

"There are many more cows, but only one Dr. Chivers," is a phrase commonly heard in the large animal clinics at Iowa State College during the past 19 years. The man who made this phrase famous is Dr. Walter H. Chivers, assistant professor of veterinary medicine and surgery. He is constantly trying to impress

the student that proper restraint and control of livestock is necessary at all times for their safety as practitioners of veterinary medicine.

Dr. Chivers returned to Iowa State College in 1939. For 9 years he served as the ambulatory clinician for the veterinary clinic. During this time he worked at various problems confronting the veterinary profession and for which very little was known or they did not have a good treatment for. One of these was calf enteritis. This was before antibiotics were available and many of the infected calves would die within a short time after birth. Dr. Chivers found that whole blood transfusions from the dam soon after parturition greatly decreased the mortality rate.

In 1948 Dr. Chivers transferred to the Department of Surgery. After clinics each day, he continued to work on disease conditions which he was confronted with, trying to find a better surgical procedure or treatment. Some of these were interdigital overgrowths in cattle, uses for oxytetracycline for chronic bloat. In 1953 he collaborated with Dr. Frank H. Ramsey of the Department of Pathology in describing "A Mucosal Disease of Cattle." At the present time Dr. Chivers is working on stagnation edema as it affects feeder cattle in Iowa.



**Doctor Chivers, in his work-shop, displays a piece of furniture he has made.**

Dr. Chivers graduated from Iowa State College in 1928 with not only the highest grade average in his class in veterinary medicine, but also of the entire college graduating class. He is a member of the Phi Kappa Phi scholastic honorary fraternity and has been initiated into Phi Zeta and Gamma Sigma Delta honoraries. After graduation he remained with the Division of Veterinary Medicine for 1 year filling the position then known as House Surgeon. From 1929-1939 he conducted a general practice at Manson, Iowa.

In 1927 he married Margaret Fowler. They have two daughters: Nancy, who is a junior at Iowa State College; Mrs. Richard Walter, Des Moines, Iowa.

He was born at St. Joseph, Mo. At the age of two he moved with his family to a farm and attended country school. His high school education was obtained at St.

Joseph. During World War I he served with the Marine Corps, most of which was in France.

Dr. Chivers likes to be out-of-doors. His interests are gardening, hunting, fishing and wood-working. He has a 30-'06 Springfield for which he fitted and finished a fine walnut sporting stock. When he was younger, he used to hunt deer and elk in South Dakota and Montana. Now his hunting is confined to small game and pheasants in Iowa. But he still takes the 30-'06 out occasionally to keep in practice.

In 1932 he began spending a portion of each summer in Ontario, Canada. Since 1932 he has found it necessary to go several hundred miles farther north to get beyond the commercialized resorts. He likes to get a cabin in the wilderness and spend his time fishing. Walleyes are his favorite fish. When they first reach the lake region, he concentrates on fishing for Walleyes until they have plenty to eat, then he turns to muskies, bass and lake trout.

After working with his mind during the day at the clinic, Dr. Chivers finds it relaxing to spend his spare time at home gardening and wood-working. He has made some fine pieces of furniture for his home and for each of his daughters.

— Carl Graham '59

## FACULTY ACTIVITIES

**Dr. R. L. Lundvall**, chairman of the large animal section, Department of Veterinary Medicine and Surgery, presented a paper, "Common Diseases of Shetland Ponies," at the annual convention of the Indiana Veterinary Medical Association which was held January 15, 16, 17, 1958.

**Dr. B. W. Kingrey**, head of the Department of Medicine and Surgery, attended the 61st annual meeting of the Minnesota State Veterinary Medical Society which was held January 20-22, 1958, at St. Paul, Minn. While there he presented a paper, "The Syndrome of Traumatic Gastritis."

**Dr. I. A. Merchant** gave talks on "Animal Disease Research" at the following places: Ames Lions Club, January 23; Grinnel J.C.C. Farmers Banquet, February 12; Nevada Rotary Farm Banquet, February 26. Dr. Merchant attended the meeting of the Sioux Livestock Conservation Incorporated at Sioux City, Iowa, on January 31. He gave a talk on the broad aspect of the future needs of veterinary medicine.

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The Executive Committee of the North Central State Technical Committee on Mucosal Disease met at ISC on Wednesday, January 29. **Dr. F. K. Ramsey** is chairman and **Dr. I. A. Merchant** is administrative advisor. They planned next year's work and figured the budget for 1959 to be presented to the USDA.

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**Dr. B. W. Kingrey** presented two papers, "Bovine Surgery" and "Swine Surgery," at the 42nd annual meeting of the Wisconsin Veterinary Medical Association which was held February 10-12, 1958, at Milwaukee, Wis.

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**Dr. M. A. Emmerson**, head of the Department of Obstetrics and Radiology, attended the 61st annual meet of the Minnesota State Veterinary Medical Society which was held January 20-22, 1958, at St. Paul, Minn. While there Dr. Emmerson presented two papers—"Some Diseases of the New Born Domestic Animals" before the large animal section, and "Radiology-Diagnosis and Therapy" before the small animal section.

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**Dr. M. A. Emmerson** was guest speaker at the Iowa State Veterinary Alumni Luncheon held Tuesday noon, Jan. 21, 1958. Dr. Emmerson discussed the athletic situation at Iowa State College and showed a film of the I.S.C.-Syracuse football game.

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**Dr. L. Meyer Jones** contributed a chapter, *Antinematodal Drugs*, to *Advances in Veterinary Science*, Vol. III, published by the Academic Press.

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**Dr. R. Allan Packer** presented a speech on bacteriological laboratories for the Meeting of the Iowa Veterinary Medical Association in Des Moines on January 15.

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**Dr. C. H. Contag**, instructor in the Dept. of Veterinary Hygiene presented a paper, "Use of Bacteriophage in the Study of Staphylococcic Bovine Mastitis," at the Thirty-eighth Annual Meeting of the Conference of Research Workers in Animal Diseases in Chicago.

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**Dr. John B. Herrick** presented two papers at the Missouri State Veterinary Association meeting of February 10 and 11. "The Role of Extension Veterinarian in Organized Veterinary Medicine" and "Infertility of Cattle as Observed in the Field" were the titles of the subjects discussed.

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**Dr. George C. Christensen** and Mrs. Sandra Toussaint, of the Department of Veterinary Anatomy, had an article in the December 1 issue of the Journal of the American Veterinary Medical Association entitled, "Vasculature of the External Nares and Related Areas in the Dog." On December 7 Dr. Christensen presented a paper, "Cineradiography of Coronary Vessels," before the Upper Midwest Chapter of the Biological Photographers Association. On December 9 he presented a paper, "X-ray Motion Pictures of the Living Dog and Pig," before the Cedar Valley Veterinary Medical Association in Waterloo, Iowa.

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**Dr. C. D. Lee**, extension veterinarian, attended IVMA Meeting in Des Moines, January 13, 14, 15 and 16. As chairman of the Public Relations Committee, he handled publicity for the convention. As delegate from Iowa to AVMA House of Representatives, he gave a report to the Executive Board. Dr. Lee attended the 20th Annual Conference for Veterinarians at Raleigh, N. C., January 27, 28, 29 and 30. He appeared on the program January 28—Poultry Practice—poultry disease diagnosis, and control of fowl cholera.

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A committee has been formed to study various aspects of livestock losses in Iowa, appointed by various segments of the industry. **Dr. John Herrick**, Mr. Bernard Ebbing, Rath Packing Company, and Mr. Stan Nicol, Iowa Farm Bureau, are on this committee.

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**Dr. John B. Herrick**, a member of the Board of Directors of National Livestock Conservation, Inc., attended their annual meeting in Omaha on February 18, 19 and 20. Dr. Herrick also serves on two subcommittees of this organization, the National Brucellosis Committee and the National Grub Committee. A National Symposium on Mastitis was held in Chicago on February 27 and 28. Dr. Herrick presented a paper on an educational program for mastitis control on the county level. Fifteen countries now are organizing Area Control Plans for Brucellosis in Iowa. Dr. Herrick directs the educational and organizational program for this group.

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**Dr. E. C. Jensen**, Department of Medicine and Surgery, attended the Third Tissue Homotransplantation Conference of the New York Academy of Sciences which was held February 6-7 at New York, N. Y.

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A son, John Allan, was born to **Dr. and Mrs. Allan Trapp** on Dec. 14, 1957.

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**Dr. John B. Herrick** had the unusual experience of flying to New York, collecting semen from a crippled bull, flying back to Iowa and inseminating two cows the same day and still not missing his favorite evening T.V. show.

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**Dr. Thomas Bell** was joint author with Dr. A. F. Weber and Dr. A. F. Sellers, both from the University of Minnesota, of a paper which appeared in the American Journal of Veterinary Research entitled "Studies of Bovine Adrenal Gland. II. The Histological and Cytochemical Effects of the Administration of 1, 1, Dichloro-2, 2-Bis (P-chlorophenyl) Ethane on the Adrenal Cortices of Dairy Calves."

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**Dr. William S. Monlux** participated in the Short Course on Nutritional Diseases of Swine in Sioux City and Sheldon on February 3 and 4. Dr. Monlux also conducted a seminar on general pathology of nutritional diseases.

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**Dr. Robert Getty**, at the annual meeting of the American Veterinary Medical Association Research Council, held in Chicago on Dec. 1, 1957, was honored by re-election as Chairman of the Council for the year of 1958.

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**Dr. Robert Hadek** received a U. S. Public Health Research Grant for work on the fine microscopic structure of the mammalian ovum.

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**Dr. John B. Herrick** is Veterinary Editor for the A. I. Digest, the official publication of the National Association of Artificial Breeders, the organization for the program in the United States and Canada.

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#### **DR. BROWN, CLINICIAN, GOES BACK INTO PRACTICE**

Dr. James Brown, who has been a clinician in the large animal section since last April, resigned his position on March 1st. He has gone into partnership in a general practice with Dr. Loyd Jensen of Wayne, Neb. Previously Dr. Brown was in practice at Ireton, Iowa. Dr. Brown received his DVM from Iowa State College in 1951.

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#### **VETERINARY MEDICAL RESEARCH INSTITUTE NEWS**

**Dr. J. C. Picken, Jr.** and **Dr. H. E. Biester**, both of the Veterinary Medical Research Institute, are co-authors of a paper "Response of Young Calves to the Administration of Graded Levels of s-(dichlorovinyl)-L-cysteine and Several of its Analogues," which was presented at the Conference of Research Workers in Animal Diseases held in Chicago, December 1.

**John Mathews, Jr.**, of the Veterinary Medical Research Institute attended the Conference of Research Workers in Animal Diseases held in Chicago, December 1, and presented a paper, "Temperature Reactions Following Hog Cholera Vaccination as Influenced by Swine Isoagglutinins."

**Dr. William P. Switzer** of the Veterinary Medical Research Institute presented a paper, "Newer Knowledge of Swine Respiratory Diseases," to the Conference of Veterinarians arranged by the University of Pennsylvania at Philadelphia on January 7.

**Dr. William P. Switzer** of the Veterinary Medical Research Institute presented a paper to the meeting of the Minnesota State Veterinarians Association in St. Paul, January 19. His subject was advances in understanding respiratory diseases of swine.

**Dr. M. S. Hofstad** of the Veterinary Medical Research Institute presented the report of the Committee on Transmissible Diseases of Poultry to the meeting of the U. S. Livestock Sanitary Association in St. Louis, November 12.

**Dr. H. E. Biester** of the Veterinary Medical Research Institute attended the meeting of the American College of Veterinary Pathologists held in Chicago, November 30.

**Dr. L. H. Schwarte** of the Veterinary Medical Research Institute presented his "Observations on Experimental Hog Cholera Transmission with Strains of Low Virulence" to the Conference of Research Workers in Animal Diseases held in Chicago, December 1.

**Dr. M. S. Hofstad** of the Veterinary Medical Research Institute went to Chicago on November 29 to attend the meeting of the North Central Technical Committee and the Conference of Research Workers in Animal Diseases.

## **DR. WARD RICHTER JOINS PATHOLOGY STAFF**



**Doctor Richter**

Dr. Ward R. Richter accepted the position of an instructor in the Department of Veterinary Pathology Jan. 1, 1958.

Dr. Richter is from Union Grove, Wis., where his father is engaged in dairy farming. He attended elementary school and high school there. For 3 years he studied dairy husbandry at the University of Wisconsin.

In 1955, Dr. Richter received his D.V.M. at Iowa State College. He is a member of Phi Zeta and Alpha Zeta, honorary fraternities.

Upon graduation from ISC, Dr. Richter spent 2½ years in the Army Veterinary Corps. He was stationed at the Army Chemical Center in Edgewood, Md., where he worked in wound ballistics and the pathology of trauma.

Dr. Richter lives at 1102 16th Street in Ames with his wife, Margaret, and his two sons: Robert Ward, 2 years; David Blake, 1 year. Teaching and working on his Ph.D. does not leave much spare time, but whenever possible, Dr. Richter likes to work with his Hi Fi and photography.

**DR. HARRY YODER JOINS  
RESEARCH INSTITUTE STAFF**

Dr. Harry W. Yoder, Jr. recently joined the staff of the Veterinary Medical Research Institute. Dr. Yoder was



**Doctor Yoder**

born in Mount Morris, Ill. In 1950 he received his B.S. in agriculture from the University of Illinois. He then came to Iowa State College where he graduated in 1954 as a Doctor of Veterinary Medicine. After graduation, Dr. Yoder spent 2 years at the Graduate School, Walter Reed Army Medical Center, Washington, D.C. From Washington he went to work for a year with Dr. W. Miller, a poultry practitioner. He returned to Ames in May, 1957, when he accepted his present position as an assistant professor on the research staff. He is now working toward his advanced degree in the field of poultry diseases.

**DR. ALVIN LEBECK—NEW  
INSTRUCTOR IN OBSTETRICS**

Dr. Alvin D. Lebeck joined the Department of Obstetrics and Radiology, Jan. 15, 1958. He is an instructor in veterinary obstetrics and he will begin his



**Dr. Alvin Lebeck**

graduate work in the spring of 1958. Dr. Lebeck will be working toward advanced degrees in the field of bovine sterility. Dr. Lebeck was born at Grantsburg, Wis., and grew up on a dairy farm. He took 1 year of pre-veterinary work at Iowa State College and 1 year at the University of Minnesota. Dr. Lebeck obtained his professional veterinary training at the University of Minnesota and he received his Doctor of Veterinary Medicine degree in 1955. After receiving his degree and before he came to Iowa State College, Dr. Lebeck was engaged in a predominantly dairy, general practice in Wisconsin. Dr. Lebeck's wife was originally from Minnesota. The Lebecks have three children, two boys and a girl. As a hobby Dr. Lebeck enjoys fishing when time permits.

**NOTICE**

The Veterinary Medical Reading Room would like to obtain Proceedings of the AVMA, all except 1953-55. Address to: Reading Room, Division of Veterinary Medicine, Iowa State College, Ames, Iowa.

**BOVINE VIRUS ENTERITIS (WINTER DYSENTERY).** This disease occurs in the winter time and is often associated with a sudden drop in environmental temperature. Practically all the animals in a herd may show symptoms simultaneously and whole areas may become infected at once. Some farms may be plagued with annual or biennial outbreaks. The same animal may have the disease two or three times, but never within 10 months of the previous attack.

In these experiments, clinical symptoms appeared first, 4 days after the subcutaneous inoculation of the bacteria-free filtrate from the feces of affected animals. These consisted of a naso-lacrimal discharge, fever, and leukopenia. Diarrhea started at the same time and developed into a frank dysentery in severe cases. Depression, anorexia, and decreased milk production in lactating cows was marked for about 3 days.

Secondary bacterial infection that appeared clinically in younger animals 2 to 4 months later was believed to be related to winter dysentery. These were nasal, buccal, and esophageal erosions caused by *Spherophorus necrophorus* and *Corynebacterium pyogenes*. Laminitis was observed where there was infection of the interdigital cleft.

Post-mortem lesions consisted of petechial and ecchymotic hemorrhages in the jejunum, ileum, posterior colon and rectum. The respiratory tract frequently had localized pneumonic foci. Peritonitis was observed in some severe cases.

Rabbits that were inoculated with infective filtrate showed a thermal response, but manifested no clinical symptoms.

Macpherson, L. W. Bovine virus enteritis (winter dysentery). Canadian Journal of Comparative Medicine and Veterinary Science. 21 (6):184-192. June, 1957.



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